

Mini Biographies

- **Jennifer Wen:** is Professor in Energy Resilience in the School of Mechanical Engineering Sciences, University of Surrey. She leads the "Energy and Environment Programme" at the pan-university Institute for Sustainability. Jennifer's research has been applied to a wide range of safety-critical scenarios. She developed physics-based models to simulate accidental releases of flammable gases/liquid, the resulting fire, and explosions within the frame of open-source computational fluid dynamics (CFD) code OpenFOAM®; and provided some modified versions to industrial sponsors and other collaborators. Working with industry and HSE, Jennifer studied critical safety issues underpinning UK's decarbonisation activities, covering batteries, hydrogen, and transport of CO₂ for CCS. Jennifer is currently an Associate Editor for the Proceedings of the Combustion Institute, Chair for the UK Explosion Liaison Group (UKELG) and Vice-Chair Research for the International Association for Fire Safety Science (IAFSS). She also serves as a member and Task Force Leader of the European Safety Panel on Hydrogen Safety (EHSP) established by Clean Hydrogen Partnership of the European Commission.